Parathion

56-38-2 | DTXSID7021100

Model Performance

Model	Data

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.84	0.55	0.85	0.53	0.83	0.64

Model Results

Predicted value: 22.3

Global applicability domain: Inside

Local applicability domain index: 4.72e-01

Confidence level: 5.96e-01

Nearest Neighbors from the Training Set

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Disulfoton
Measured: 219
Predicted: 151

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Oxydisulfoton
Measured: 1.00
Predicted: 1.63

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Parathion
Measured: 97.7
Predicted: 22.3

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Isoprothiolane
Measured: 37.2
Predicted: 28.5

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O,O-Diethyl dithiophosphate
Measured: 5.01
Predicted: 5.43